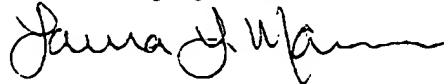


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Date of Facsimile: May 31, 2001

Typed Name of Person Signing Certification: Laura Mann

Signature:



**Attn: Application Processing Division**  
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Fax No.: 703-308-7751

Regarding:

Patent Application No.: 10003884-1  
Inventor(s): Craig M. Gates et al.  
Serial No.: 09/829,500  
Filed: April 9, 2001  
Group Art Unit: 1741  
Confirmation Number: 6732  
Title: Re-Usable Mandrel For Fabrication Of Ink-Jet Orifice  
Plates.

Please note that the attached copy of the Filing Receipt does not reflect the correct title. The correct the title is shown on the accompanying copies of the (1) signed Declaration and Power of Attorney, and (2) the cover page sent in with this patent application.

The incorrect Filing Receipt title is "Re-Usable Mandrel For Fabrication On Ink-Jet Orifice Plates," the correct title is "Re-Usable Mandrel For Fabrication Of Ink-Jet Orifice Plates." Please correct the Filing Receipt title by changing On to Of.

Applicant respectfully requests the correction of the official records to show the correct title on this patent application. Please forward a corrected Filing Receipt at your earliest convenience. The "corrected" Filing Receipt is necessary for foreign filing purposes.

If you have any question or comments, please do not hesitate to call me at (360) 212-2969.

Thank for your assistance in this matter.

Laura L. Mann  
Legal Administrator  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/829,500	04/09/2001	1741	710	10003884-1	3	18	3

CONFIRMATION NO. 6732

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

FILING RECEIPT



\*OC000000006062220\*

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Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Craig M. Gates, Corvallis, OR; ✓  
Niranjan Thirukkavalur, Corvallis, OR; ✓

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 05/09/2001

Projected Publication Date: 10/10/2002

Non-Publication Request: No

Early Publication Request: No

Title

Re-usable mandrel for fabrication on Ink-jet orifice plates

Preliminary Class

205

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- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
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- The title is recorded in sentence case.

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Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ☐ Design

☒ original patent application,

☐ continuation-in-part application

INVENTOR(S): Craig M. Gates et al

TITLE: Re-Usable Mandrel For Fabrication Of Ink-Jet Orifice Plates

Enclosed are:

☒ The Declaration and Power of Attorney. ☒ signed ☐ unsigned or partially signed

☒ 3 sheets of drawings (one set) ☐ Associate Power of Attorney

☐ Form PTO-1449 ☒ Information Disclosure Statement and Form PTO-1449

☐ Priority document(s) ☐ (Other) (fee \$ )

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	18 — 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	3 — 3	0	X \$80	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS	0		\$270	\$ 0
BASIC FEE: Design (\$320.00 ); Utility (\$710.00 )				\$ 710
TOTAL FILING FEE				\$ 710
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 710

Charge \$ 710 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

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Date of Deposit April 9, 2001

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By Laura L. Mann  
Typed Name: Laura L. Mann

Respectfully submitted,

Craig M. Gates et al

By Manuel Quiogue  
Manuel Quiogue

Attorney/Agent for Applicant(s)

Reg. No. 26,978

Date: April 9, 2001

Telephone No.: (360) 212-0104

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Re-Usable Mandrel For Fabrication Of Ink-Jet Orific Plates**

the specification of which is attached hereto unless the following box is checked:

( ) was filed on \_\_\_\_\_ as US Application Serial No. or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

**Foreign Application(s) and/or Claim of Foreign Priority**

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

**Provisional Application**

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

**U. S. Priority Claim**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

**Direct Telephone Calls To:**

**Manuel Quiogue**  
**(360) 212-0104**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: **Craig M. Gates** Citizenship: **US**

Residence: **Corvallis, OR USA**

Post Office Address: **2976 NW Audene Pl., Corvallis, OR 97330**

Inventor's Signature 

Date **April 5, 2001**

Full Name of # 2 joint inventor: Corvallis, OR USA Citizenship: USA  
Residence: Corvallis, OR USA  
Post Office Address: 1900 NW 14th Street, Corvallis, OR 97330  
Inventor's Signature: *[Signature]* Date: 3/22/01

Full Name of # 3 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 4 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 5 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 6 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 7 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name of # 8 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_



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Bib Data Sheet

CONFIRMATION NO. 6732

<b>SERIAL NUMBER</b> 09/829,500	<b>FILING DATE</b> 04/09/2001 <b>RULE</b>	<b>CLASS</b> 205	<b>GROUP ART UNIT</b> 1741	<b>ATTORNEY DOCKET NO.</b> 10003884-1	
<b>APPLICANTS</b> Craig M. Gates, Corvallis, OR; Niranjan Thirukkovalur, Corvallis, OR;  <b>** CONTINUING DATA *****</b>  <b>** FOREIGN APPLICATIONS *****</b>  <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 05/09/2001</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged _____ Examiner's Signature Initials		<b>STATE OR COUNTRY</b> OR	<b>SHEETS DRAWING</b> 3	<b>TOTAL CLAIMS</b> 18	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins ,CO 80527-2400					
<b>TITLE</b> Re-usable mandrel for fabrication of ink-jet orifice plates					
<b>FILING FEE RECEIVED</b> 710	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees		
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